

# Ballast Replacement Instructions Monaco 6000A, 6000N, 6002A, 6002N

## **WARNING!**

TURN OFF ALL POWER TO FIXTURE BEFORE REPLACING THE BALLAST ASSEMBLY.

DO NOT OVERTIGHTEN CAPTIVE SCREWS ON OUTER LENS! SET POWER DRIVERS TO LOWEST SETTING. THIS IS IMPORTANT TO AVOID PART DAMAGE.

ORDER BALLAST WITH THE DESIRED WATTAGE AND VOLTAGE AS SPECIFIED ON BALLAST BOX LABEL.

IN THIS PROCEDURE, YOU WILL REMOVE THE OLD BALLAST AND ATTACH A REPLACEMENT.

<b><u>MATERIAL LIST</u></b>	<b><u>QTY</u></b>
Ballast Replacement Assembly	1
Submersible Wire Nuts	6
Plastic Strain Relief	1
Return address label	1

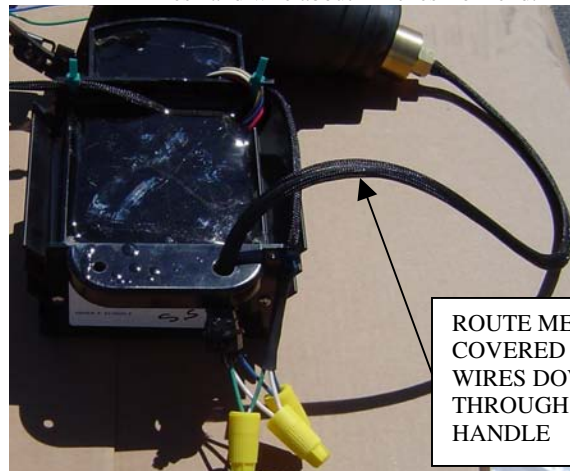
## **BALLAST REPLACEMENT PROCEDURE**

- 1) Loosen trim ring/lens assembly by loosening the four socket head cap screws.
- 2) Pry trim ring/lens assembly off housing by inserting a flat head screwdriver in side slots and turning.
- 3) Remove trim ring/lens assembly.
- 4) Lift sealed lamp assembly from housing.
- 5) Disconnect ballast wires from incoming power by removing wire nut connections in housing wiring box. (Discard wire nuts. New water-tight water nuts, provided, must be used for reconnection).
- 6) Disconnect ground wire from ballast to incoming power.
- 7) Disconnect ballast wire strain relief from the side of in-ground housing.
- 8) Lift ballast assembly out of housing.
- 9) Cut plastic tie wrap attaching the green, blue, and white wires coming out of the ballast box.
- 10) Cut through black mesh and wires that lead from ballast assembly to lamp assembly, about 2" above the ballast box.
- 11) On lamp assembly, trim black mesh so that it is 1" shorter than the wires inside it.
- 12) Strip green, blue, and white wires on lamp assembly to 1/2".
- 13) Unpack Ballast Replacement Kit.



**NOTE:** USE THE SAME BOX TO SEND THE FAILED BALLAST BACK TO LUMIERE FOR FAILURE ANALYSIS. ALL RETURNS MUST BE AUTHORIZED BY YOUR PROJECT COORDINATOR IN DENVER.

- 14) Insert mesh covered lamp wires downward through handle of potted ballast assembly and slide plastic strain relief over wires and mesh and tighten down on mesh and wire about 2 inches from end.



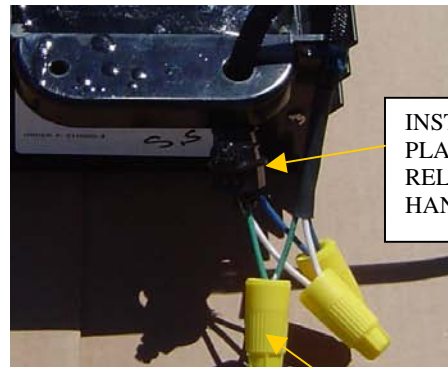
ROUTE MESH COVERED LAMP WIRES DOWN THROUGH HANDLE

- 15) Connect the three SHORT color coded wires (green, blue, and white) from the new ballast replacement assembly to lamp assembly as follows: Twist stranded wires slightly

Insert wires together into new sealant wire nuts (provided)  
Hold wires firmly and twist connector onto wires

**NOTE:** Do not twist wire nuts too hard

**NOTE:** Do not reuse wire nuts



INSTALL PLASTIC STRAIN RELIEF BELOW HANDLE.

USE THREE SEALANT WIRE NUTS TO CONNECT LAMP WIRES TO BALLAST

- 16) Reconnect ballast to incoming power using new sealant wire nuts (provided).
- 17) Reassemble fixture in the reverse order of disassembly. Refer to Instruction Sheet #9704 – Ballast and Lamp Module Installation Instructions.
- 18) Reattach trim ring/lens assembly by aligning four socket head cap screws on trim ring with the four threaded holes on housing, and tighten. **DO NOT OVERTIGHTEN CAPTIVE SCREWS ON OUTER LENS! SET POWER DRIVERS TO LOWEST SETTING. THIS IS IMPORTANT TO AVOID PART DAMAGE.**